



Photo : Luka Mester

Lake Champlain Sea Grant serves the Lake Champlain basin, 8,234 square miles of mountains and forests, lakes and ponds, rivers and streams, wetlands and farmlands, and communities.

Outreach

We put research into action in local communities. We provide residents, businesses, community organizations, and state and local managers and policymakers with tools, training, and science-based knowledge to sustainably manage Lake Champlain basin resources.

Education

We increase knowledge about water resources and watershed health around the basin. We lead innovative, place-based classroom and virtual education programs, workshops, and events for students, teachers, professionals, and the public.

Research

We fund research projects designed to inform policy decisions and management practices in the Lake Champlain basin, and we offer fellowships for graduate students and early-career scientists.

About Sea Grant

The Lake Champlain Sea Grant Institute is hosted at the University of Vermont (UVM) Rubenstein School of Environment and Natural Resources and is managed in collaboration with the Lake Champlain Research Institute at the State University of New York (SUNY) at Plattsburgh and UVM Extension.

Sea Grant is a federal-private partnership that uses science to support action by coastal communities to promote a sustainable economy and environment. With funding from the National Oceanic and Atmospheric Administration (NOAA), 34 Sea Grant programs enhance the practical use and conservation of coastal, marine, and Great Lakes resources.

www.uvm.edu/seagrant

Vision

Basin communities anticipate and adapt to secure long-term ecosystem health and sustainable economic development

Mission

Develop and share science-based knowledge to benefit the environment and economies of the Lake Champlain basin

Values

Meaningful partnerships, diversity, and diverse perspectives

Authorizing Legislation

National Sea Grant College Program Amendments Act of 2008 (Public Law No: 110-394)

Annual Funding 2020

\$1,259,000 NOAA
> \$630,000 Partners



STATE UNIVERSITY OF NEW YORK
PLATTSBURGH

By the Numbers 2020

Lake Champlain Sea Grant engages with basin communities in **New York and Vermont** to protect and sustain **Healthy Coastal Ecosystems**, develop and strengthen **Resilient Communities and Economies**, and increase **Environmental Literacy and Workforce Development**.



328 partners from colleges and universities, K-12 schools, state and local government agencies, businesses, professional associations, nonprofit organizations, and local groups collaborated with Lake Champlain Sea Grant to benefit the environment and economies in the basin.



Our Watershed Alliance program educated **3,264 K-12 students** and trained **25 teachers** about water quality and watershed health and the impacts of human actions. During the first-year expansion of Watershed Alliance to SUNY Plattsburgh, the program reached more than **450 K-12 students**.



Lake Champlain Sea Grant mentored **33 undergraduate students** and **7 graduate students** in research, outreach, or education. **25 of the students** trained as Watershed Educator interns in K-12 classrooms. **5 of 6 graduating interns** secured positions in education and watershed science.



2,280 residents attended **48 public events** about a vast range of topics, including environmental education, stream monitoring, green infrastructure, compost, invasive species, boat safety, and road salt. We also hosted **11 educational boat trips** on Lake Champlain for **172 people**.



5,164 homeowners, boat owners, real estate professionals, and marina operators attended **51 public presentations** about green stormwater infrastructure, shoreline protection, lawn care, and road salt that will minimize pollution in water bodies throughout the Lake Champlain basin.



200 winter maintenance professionals attended road salt education workshops. Municipal road crews and private contractors reduced road salt runoff into the watershed on more than **785 miles of roads** based on best management practices adopted after the workshops.
